CRS Mammogram Screening Measures

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CRS Logic

CRS GPRA Denominator

- GPRA: Female <u>Active Clinical</u> patients <u>ages 52-64</u> without a documented history of bilateral mastectomy or two separate unilateral mastectomies
    - 52 years old as of first day in report period
    - Less than 65 years old as of last day in report period

CRS GPRA Denominator (cont'd)

– Active Clinical defined as

- Must be Indian/Alaska Native, based on Beneficiary classification 01, and

- Must reside in a community specified in the site's GPRA community taxonomy, and

- Must be alive on last day of Report Period, and

- Must have <u>two visits to defined medical clinics in the past 3 years</u>. One of those visits must to be any of the following: 01 General, 06 Diabetic, 10 GYN, 12 Immunization, 13 Internal Med, 16 Obstetrics, 20 Pediatrics, 24 Well Child, 28 Family Practice, 57 EPSDT, 70 Women's Health, 80 Urgent, 89 Evening. Second visit may be to larger list of clinics (see CRS User Manual)

Other CRS Denominators (Non-GPRA)

- Female <u>User Population</u> patients <u>ages 52 through 64</u> without a documented history of bilateral mastectomy or two separate unilateral mastectomies.

  (included in Selected Measures (Local) Reports only)

  – User Population defined as
    - Must reside in a community specified in the site's GPRA community taxonomy, and
    - Must be alive on last day of Report Period, and
    - Must have <u>one visit to any clinic in the past 3 years</u>

Other CRS Denominators (Non-GPRA) (cont'd)

- Female <u>Active Clinical</u> patients <u>ages 42 and older</u> without a documented history of bilateral mastectomy or two separate unilateral mastectomies.

  (included in Selected Measures (Local) Reports only)

  – 42 and older defined as:
    - 42 years old as of first day in report period

Other CRS Denominators (cont'd)

- Female <u>User Population</u> patients ages <u>42 and older</u> without a documented history of bilateral mastectomy or two separate unilateral mastectomies

  (included in Selected Measures (Local) Reports only)

Denominator Exclusion Logic

- Patients with a <u>bilateral</u> mastectomy
  - V CPT (any of the following): 19300.50-19307.50 OR 19300-19307 w/modifier 09950 (.50 and 09950 modifiers indicate bilateral), or old codes 19180, 19200, 19220, or 19240, w/modifier of .50 or 09950
  - ICD-9 Operation Codes (any of the following): 85.42; 85.44; 85.46; 85.48

NOTE: Logic reflects changes that were made in CRS 8.0, estimated to be released in early March 2008

Denominator Exclusion Logic (cont'd)

- Patients with <u>two unilateral</u> mastectomies
  - Must have 2 separate occurrences for either CPT or procedure codes on 2 different dates of service
    - V CPT (any of the following): 19300-19307, or old codes 19180, 19200, 19220, 19240
    - ICD Operation Codes (any of the following): 85.41, 85.43, 85.45, 85.47

CRS Numerators

- GPRA Numerator
  - All patients who had a Mammogram documented in the past 2 years, including documented refusals in past year

- Other Numerator
  - A: Patients with documented refusal in past year.

CRS 2008 GPRA Measure

- Female Active Clinical patients ages 52 through 64, without a documented history of bilateral mastectomy or two separate unilateral mastectomies, who had a mammogram documented in the past 2 years, including documented refusals in past year.

What Counts as a Mammogram?

- Any of the following documented in the two years from the report period end date

  1. Patients with a mammogram documented with a CPT code (in V Radiology or V CPT)
  2. Patients with a mammogram documented with an ICD-9 procedure code
  3. Patients with a mammogram documented with an ICD-9 diagnosis code
  4. Patients with mammogram noted in Women's Health Package

- Patients with documented refusal in past year

Which Codes Count?

1. Patients with a mammogram documented with a CPT code (in V Radiology or V CPT)

   - 77051-77059, 76083 (old code), 76090 (old code), 76091 (old code), 76092 (old code), G0206, G0204, G0202

2. Patients with a mammogram documented with an ICD-9 procedure code

   - 87.36 Xerography of breast, 87.37 Other Mammography

Which Codes Count? (cont'd)

3. Patients with a mammogram documented with an ICD-9 diagnosis code

- V76.11 Screening mammogram for high risk patient

- V76.12 Other screening mammogram

- 793.80 Abnormal mammogram, unspecified

- 793.81 Mammographic microcalcification

- 793.89 Other abnormal findings on radiological exam of breast

Which Codes Count? (cont'd)

4. Patients with mammogram noted in Women's Health Package

- Mammogram Screening
- Mammogram Dx Bilat
- Mammogram Dx Unilat

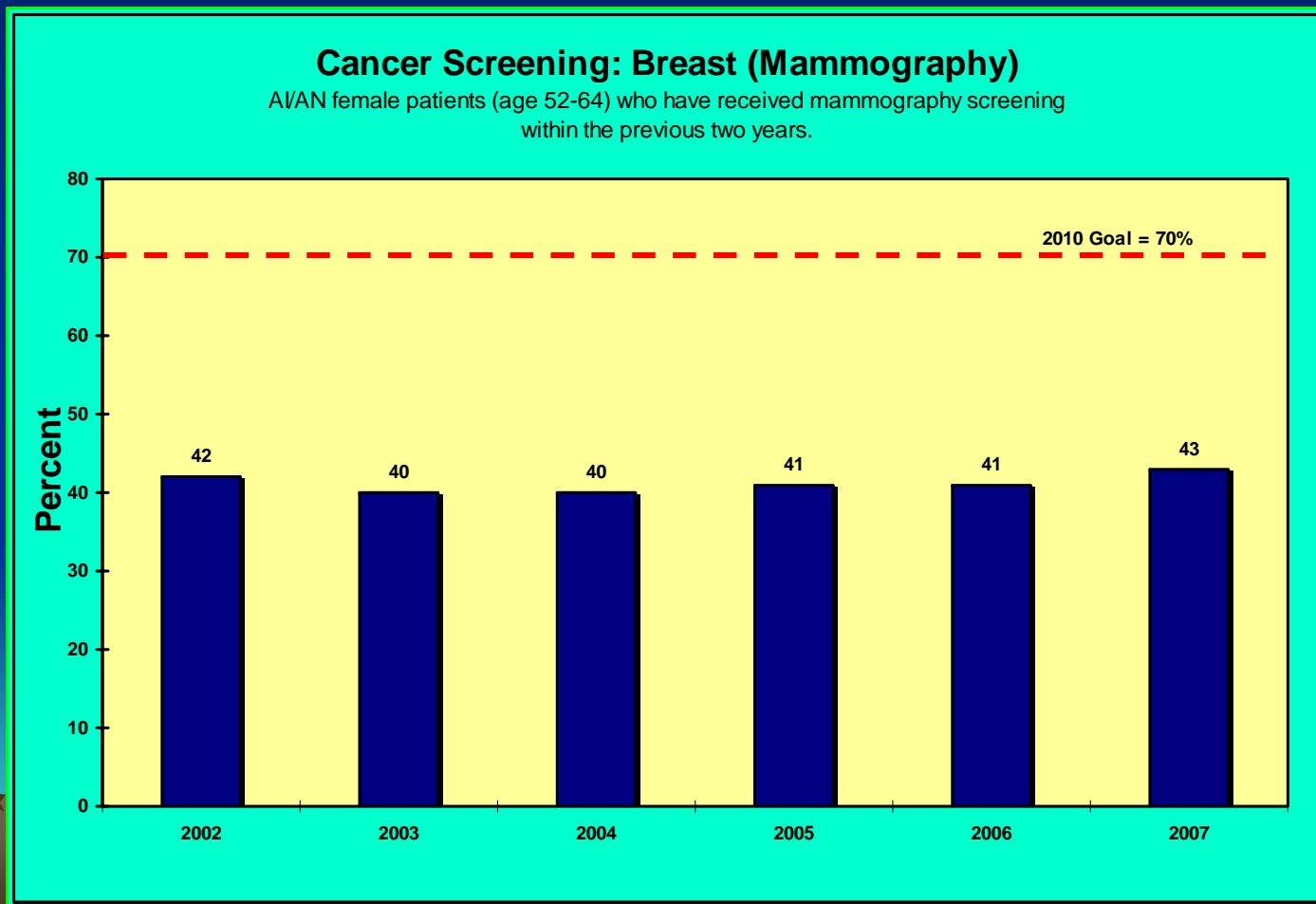# Which Codes Count? (cont'd)

5. Patients with documented refusal in the past year

    - Refusal of any of the following: CPT 77051-77059, 76083 (old code), 76090 (old code), 76091 (old code), 76092 (old code), G0206, G0204, G0202

GPRA Performance 2002-2007

- 2008 target is 43% (maintain 2007 rate)
- Current rate of growth will not meet IHS 2010 goal of 70%

Cancer Screening: Breast (Mammography)
AI/AN female patients (age 52-64) who have received mammography screening
within the previous two years.

RPMS Data Entry Options

RPMS Data Entry Options

- PCC
    - Mammogram Performed
    - Historical Mammogram
    - Mammogram Refusal

- Women's Health
    - Mammogram Performed

RPMS Data Entry Options (cont'd)

- EHR
  - Providers normally would not use EHR to enter a mammogram that was performed at a visit. Rather, they would order it. Subsequently the radiologist would enter the information in Radiology, which then passes to PCC, where CRS would find it
  - Providers would use EHR to enter historical mammograms and mammogram refusals

PCC Data Entry

PCC Data Entry for Mammogram Performed

- **If Purpose of Visit**
  - Mnemonic PV
  - Mammogram ICD-9 code (must be a code CRS includes)
  - Provider Narrative
  - Modifier (optional)
  - Cause of DX (optional)

- **If CPT code**
  - Mnemonic CPT
  - Mammogram CPT code (must be a code CRS includes)
  - Quantity (optional)
  - Modifier(s) (optional)

Screen content (terminal window — NPATUCDEV.STE - TNVTPlus):

```
MNEMONIC: PV        Purpose of Visit       ALLOWED     VISIT RELATED ONLY
Enter PURPOSE of VISIT: 793.80     793.80       UNSPECIFIED ABNORMAL MAMMOGRAM
            ...OK? Yes// Y   (Yes)


   PROVIDER NARRATIVE: UNSPECIFIED ABNORMAL MAMMOGRAM   UNSPECIFIED ABNORMAL MAMMO
GRAM
   MODIFIER:
   CAUSE OF DX:
Enter PURPOSE of VISIT:


MNEMONIC: CPT       CPT Codes       ALLOWED      VISIT RELATED ONLY
Enter CPT Code: 77051    COMPUTER DX MAMMOGRAM ADD-ON
        COMPUTER-AIDED DETECTION (COMPUTER ALGORITHM ANALYSIS OF DIGITAL IMAGE
        DATA FOR LESION DETECTION) WITH FURTHER PHYSICIAN REVIEW FOR
            ...OK? Yes// Y   (Yes)


   QUANTITY:
   MODIFIER:
   MODIFIER 2:
Enter CPT Code:
```

Example of entering Mammogram by Purpose of Visit

Example of entering Mammogram by CPT Code

PCC Data Entry for Mammogram Performed (cont'd)

- **If Radiology code**
  - Mnemonic RAD
  - Mammogram Radiology CPT code (must be a code CRS includes)
  - Impression (optional)
  - Abnormal (0 normal/1 abnormal) (optional)
  - Modifier(s) (optional)

- **If Procedure code**
  - Mnemonic OP
  - Mammogram ICD-9 Procedure Code
  - Provider Narrative
  - Operating Provider (optional)
  - Diagnosis (optional)

PCC Data Entry for Refusal of or Historical Mammogram

- If patient declined the screen
  - Mnemonic REF
  - CPT **or** RAD (does not require both, just one)
  - Mammogram CPT code or Rad/Nuc Med Procedures code (CPT)
  - Date Refused
  - Provider's Name (optional)
  - Comment (optional)

- If patient has historical mammogram
  - Mnemonic HRAD
  - Date of mammogram
  - Location Type
  - Location Name
    - If Location Name = Other, enter Outside Location Name
  - Radiological Exam
  - Impression (optional)
  - Abnormal (0 normal/1 abnormal) (optional)

Women's Health Data Entry

Women's Health Data Entry of Mammogram

- ## Women's Health Application
  - Select patient
  - Select mammogram procedure
  - Enter date of mammogram
  - Enter procedure details, where necessary
  - Save and exit

EHR Data Entry of Historical Mammogram

- Historical Services section (normally on the SuperBill tab)
  - Select Radiology from the dropdown list
  - Click the Add button to the right of the list
  - Select either Mammography, Bilat or Mammography, Unilat
  - Enter date of mammogram (must be in the past)
  - Enter location type (IHS/Tribal Facility or Other).
    - If IHS/Tribal Facility, choose the location by clicking the "…" button
  - Click Save button
  - Mammogram is now listed in this section

EHR GUI Data Entry of Mammogram Refusal

- Personal Health section (normally on the Wellness Tab)
  - Select Refusal from drop-down list
  - Click the Add Button to the right of the list
  - Select Mammogram for Refusal Type
  - Click "…" button to select a specific mammogram code. Click OK to select the mammogram.
  - Enter date of refusal
  - Add comments, if desired
  - Click Add Button
  - Refusal is now listed in this section
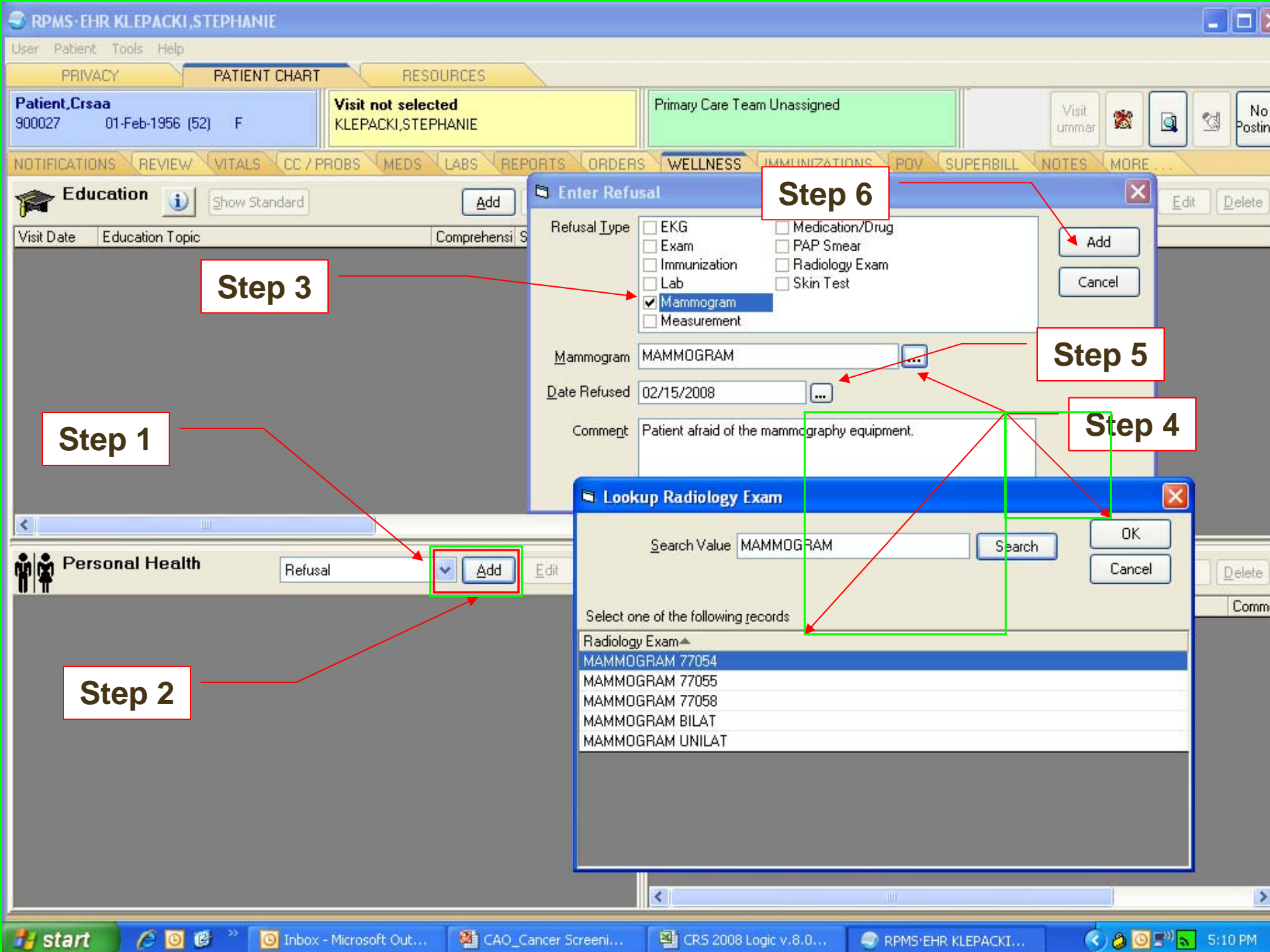
CRS Outputs

CRS Patient Lists for Mammogram Rates

- **National GPRA Report Patient Lists**
  - List of female patients <u>with</u> a Mammogram documented in the past 2 years or refusal in past year.
  - List of female patients <u>without</u> a Mammogram documented in the past 2 years or refusal in past year.

- **Selected Measures (Local) Report Patient List**
  - List of women 42+ with mammogram/ refusal, if any.

Sample National GPRA Report (Report Text Section)

```
-------------------------------------------------------------------------
Cancer Screening: Mammogram Rates

Denominator(s):
GPRA Denominator:  Female Active Clinical patients ages 52 through 64
without a documented history of bilateral mastectomy or two separate
unilateral mastectomies.

Numerator(s):
GPRA Numerator: All patients who had a Mammogram documented in the past 2
years, including documented refusals in past year.
A: Patients with documented refusal in the past year.

Logic:
Age of the patient is calculated at the beginning of the Report period.
For all denominators, patients must be at least the minimum age as of the
beginning of the Report Period.  For the 52-64 denominator, the patients
must be less than 65 years of age as of the end of the Report Period.

Bilateral mastectomy defined as: 1) V CPT: 19300.50-19307.50 OR
19300-19307 w/modifier 09950 (.50 and 09950 modifiers indicate
bilateral), or old codes 19180, 19200, 19220, or 19240, w/modifier of .50
or 09950; 2) ICD Operation codes: 85.42; 85.44; 85.46; 85.48.

Unilateral mastectomy defined as:  Must have 2 separate occurrences for
either CPT or procedure codes on 2 different dates of service.  1) V CPT:
19300-19307, or old codes 19180, 19200, 19220, 19240; 2) ICD Operation
codes:  85.41, 85.43, 85.45, 85.47.

Screening Mammogram definitions:  1) V Radiology or V CPT:  77051-77059,
76083 (old code), 76090 (old code), 76091 (old code), 76092 (old code),
G0206; G0204, G0202; 2) POV: V76.11   screening mammogram for high risk
patient; V76.12 other screening mammogram; 793.80 Abnormal mammogram,
unspecified; 793.81 Mammographic microcalcification; 793.89 Other
abnormal findings on radiological exam of breast; 3) V Procedure: 87.36
```

Sample National GPRA Report (Tabular Section)

```
SK                              Jan 28, 2008                         Page 34
                       *** IHS 2008 National GPRA Report ***
                             DEMO INDIAN HOSPITAL
                    Report Period: Jul 01, 2007 to Jun 30, 2008
                 Previous Year Period:  Jul 01, 2006 to Jun 30, 2007
                   Baseline Period:  Jul 01, 1999 to Jun 30, 2000
----------------------------------------------------------------------------
HP 2010 3-3


                        REPORT    %   PREV YR   %   CHG from  BASE      %   CHG from
                        PERIOD        PERIOD        PREV YR % PERIOD        BASE %

# Female Active Clinical
52-64 (GPRA)              86            58                      47

# w/Mammogram recorded
 w/in 2 years
 (GPRA)                   30  34.9      22  37.9     -3.0       22  46.8     -11.9
A. # Refusals w/ % of
 Total Mammograms          5  16.7       0   0.0    +16.7        0   0.0     +16.7
```

Sample Selected Measures (Local) Report

	REPORT PERIOD	%	PREV YR PERIOD	%	CHG from PREV YR %	BASE PERIOD	%	CHG from BASE %
# Female Active Clinical 52-64 (GPRA)	86		58			47		
# w/Mammogram recorded w/in 2 years (GPRA)	30	34.9	22	37.9	-3.0	22	46.8	-11.9
A. # Refusals w/ % of Total Mammograms	5	16.7	0	0.0	+16.7	0	0.0	+16.7
# Female Active Clinical 42+	257		175			163		
# w/Mammogram recorded w/in 2 years	58	22.6	61	34.9	-12.3	54	33.1	-10.6
A. # Refusals w/ % of Total Mammogram	6	10.3	0	0.0	+10.3	0	0.0	+10.3
# Female User Pop 52-64	172		115			100		
# w/Mammogram recorded w/in 2 years	32	18.6	25	21.7	-3.1	23	23.0	-4.4
A. # Refusals w/ % of total Mammograms	5	15.6	0	0.0	+15.6	0	0.0	+15.6

Sample Patient List

	A	B	C	D	E	F	G
1	*** IHS 2008 GPRA Performance Patient List ***						
2	CRS 2008, Version 8.0						
3	DEMO INDIAN HOSPITAL						
4	Report Period: Jan 01, 2007 to Dec 31, 2007						
5	Random Patient List						
6	---						
7	Cancer Screening: Mammogram Rates						
8	List of female patients with a Mammogram documented in the past 2 years						
9	or refusal in past year.						
10							
11	UP=User Pop; AC=Active Clinical; AD=Active Diabetic;						
12	AAD=Active Adult Diabetic; PREG=Pregnant Female;						
13	IMM=Active IMM Pkg Pt; IHD=Active Ischemic Heart Disease						
14							
15	PATIENT NAME	HRN	COMMUNITY	SEX	AGE	DENOMINATOR	NUMERATOR
16	---						
17	PATIENT1,SAMPLE	000001	Community A	F	57	UP;AC - >41, 52-64	02/28/07 CPT 77051
18	PATIENT2,SAMPLE	000002	Community A	F	52	UP;AC - >41, 52-64	02/26/07 CPT 77058
19	PATIENT3,SAMPLE	000003	Community A	F	56	UP;AC - >41, 52-64	04/24/07 ref CPT
20	PATIENT4,SAMPLE	000004	Community A	F	62	UP;AC - >41, 52-64	04/25/07 ref CPT
21	PATIENT5,SAMPLE	000005	Community B	F	54	UP;AC - >41, 52-64	02/28/06 77055
22	PATIENT6,SAMPLE	000006	Community C	F	62	UP;AC - >41, 52-64	03/06/06 76092
23	PATIENT7,SAMPLE	000007	Community C	F	57	UP;AC - >41, 52-64	04/01/06 76090
24	PATIENT8,SAMPLE	000008	Community B	F	61	UP;AC - >41, 52-64	05/20/07 76092
25	PATIENT9,SAMPLE	000009	Community A	F	63	UP;AC - >41, 52-64	03/18/07 76092

For more info, visit:

www.ihs.gov/cio/crs

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